





PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application Number 09/500,904 TRANSMITTAL Filing Date February 9, 2000 **FORM** AUG 1 2002 First Named Inventor John B. Harley (to be used for all correspondence after initial filing)™ Group Art Unit 1648 TECH CENTER 1600/290 S. A. Foley **Examiner Name OMRF 161 CIP** Attorney Docket Number Total Number of Pages in This Submission - ENCLOSURES (check all that apply) After Allowance Communication **Assignment Papers** Fee Transmittal Form (for an Application) to Group Appeal Communication to Board X Fee Attached Drawing(s) of Appeals and Interferences Licensing-related Papers Appeal Communication to Group Amendment / Reply X (Appeal Notice, Brief, Reply Brief) Petition After Final **Proprietary Information** Petition to Convert to a Affidavits/declaration(s) **Provisional Application** Status Letter Power of Attorney, Revocation Change of Correspondence Other Enclosure(s) (please **Extension of Time Request** Address identify below): Terminal Disclaimer **Express Abandonment Request** Request for Refund Information Disclosure Statement CD, Number of CD(s)_ Certified Copy of Priority Document(s) Remarks Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Holland & Knight LLP Patrea L. Pabst, Reg. No. 31,284 Individual name Suite 2000, One Atlantic Center; 1201 West Peachtree Street, N.E.; Atlanta, GA 30309-3400 Signature Date August 8, 2002 CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: August 8, 2002 ma Typed or printed name August 8, 2002 Signature Date

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



•	œ	١
1	ъ	. 1
	Ψ	

018		CC OR	PAPERS RIGINALLY FILED		
Under the Paperwork Reduction Act of	I 1995, no persons are required to	U.S. Patent and Tra	Approved for use through 10 ademark Office; U.S. DEPA mation unless it displays a	RTMENT OF COMMERCE	, 2 E
			mplete if Known		7
FEE TRAN	19MIIIAL	Application Number	09/500,904	RECEIV	VED
for FY		Filing Date	February 9, 2000)	
101 F1	200 I	First Named Inventor	John B. Harley	AUG 1-9	1002
Patent fees are subjec	t to annual revision.	Examiner Name	S. Foley	7.00 1 0 7	002
		Group Art Unit	1648	TECH CENTED	Inno inno
TOTAL AMOUNT OF PAYMENT	(\$)	Attorney Docket No.	OMRF 161 CIP	TECH CENTER	<i>y</i> ouu/29U

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)					
1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:	3. ADDITIONAL FEES Large Entity Small Entity					
Deposit Account Number	Fee Fee Fee Fee Fee Fee Description 105 130 205 65 Surcharge - late filling fee or oath	Fee Paid				
Deposit Account Name Holland & Knight LLP	127 50 227 25 Surcharge - late provisional filing fee or cover sheet					
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	139 130 139 130 Non-English specification					
	147 2,520 147 2,520 For filing a request for ex parte reexamination					
See 37 CFR 1.27	112 920* 112 920* Requesting publication of SIR prior to Examiner action					
2. Payment Enclosed: Check Credit card Money Other	113 1,840° 113 1,840° Requesting publication of SIR after Examiner action					
Order Order	115 110 215 55 Extension for reply within first month	55.00				
FEE CALCULATION	116 390 216 195 Extension for reply within second month					
1. BASIC FILING FEE	117 890 217 445 Extension for reply within third month					
Large Entity Small Entity Fee Fee Fee Fee Description	118 1,390 218 695 Extension for reply within fourth month					
Code (\$) Code (\$) Fee Paid	128 1,890 228 945 Extension for reply within fifth month					
101 710 201 355 Utility filing fee	119 310 219 155 Notice of Appeal					
106 320 206 160 Design filing fee	120 310 220 155 Filing a brief in support of an appeal					
107 490 207 245 Plant filing fee	121 270 221 135 Request for oral hearing					
108 710 208 355 Reissue filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding					
114 150 214 75 Provisional filing fee	140 110 240 55 Petition to revive - unavoidable					
SUBTOTAL (1) (\$)	141 1,240 241 620 Petition to revive - unintentional					
2. EXTRA CLAIM FEES	142 1.240 242 620 Utility issue fee (or reissue)					
Fee from Extra Claims below Fee Paid	143 440 243 220 Design issue fee					
Total Claims 26 -26 = 0 x 0 = 0	144 600 244 300 Plant issue fee					
Independent 6 s = 0 x 0 = 0	122 130 122 130 Petitions to the Commissioner					
Claims U - U - U - U - U - U - U - U - U - U	123 50 123 50 Petitions related to provisional applications					
	126 240 126 240 Submission of Information Disclosure Stmt					
Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)					
103 18 203 9 Claims in excess of 20	146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))					
102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim, if not paid	149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))					
109 80 209 40 ** Reissue independent claims	179 279 355 Request for Continued Examination (RCE)					
over original patent	169 900 169 900 Request for expedited examination					
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	of a design application					
	Other fee (specify) L					
SUBTOTAL (2) (\$) -0-	Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 55.	.00				

SUBMITTED BY		Complete (if applicable)						
Name (Print/Type)	Patrea L. Pabst	Registration No. (Attorney/Agent)	31,284	Telephone	404-817-8473			
Signature		· · ·		Date	October 24, 2001			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



COMMUNICATION RESULT REPORT (DEC. 7.2001 6:11PM) * * *

TTI HOLLAND & KNIGHT

TRANSMITTER/SIERED DEC. 7. 2001 5:41PM

FILE MODE OPTION

ADDRESS

RESULT

PAGE

5352 MEMORY TX

G3-AT:48514#078617#140#17038729306# OK

89/89

RECEIVED

AUG 1 9 2002

TECH CENTER 1600/2900

COPY OF PAPERS ORIGINALLY FILED

REASON FOR ERROR
E-1) HANG UP OR LINE FAIL
E-3) NO ANSWER

E-2) BUSY E-4) NO FACSIMILE CONNECTION

Law Offices

HOLLAND & KNIGHT LLP

One Atlantic Center 1201 West Peachtree Street, N.E. Suite 2000 Atlanta, Georgia 30309-3400

404-817-8500 FAX 404-881-0470 http://www.hklaw.com Annapolis
Altanta
Bethesda
Boston
Bradenton
Chicago
Fort Lauderdale
Jacksonville
Łakatand
Łos Angeles
Methourne
Miami
New York

Orlando
Portland
Providence
San Antonio
San Francisco
Seattle
St. Petersburg
Tallahassee
Tampa.
Washington, O.C.
West Palm Beach

Northern Virginia

International Offices: Caracas* Masteo City Rio de Janeiro Seo Paulo Tel Aviv^e Tokyo

FACSIMILE

<u>TO</u> : United States Patent and Trademark Office	TC 1600	703 872-9306
NAME	COMPANY/FIRM	FAX NUMBER
Washington	D.C.	703 872-9305
CITY	STATE	(TELEPHONE NUMBER)
FROM:		
Patrea L. Pabst	404 817-8514	89
NAME	TELEPHONE	TOTAL PAGES (Including Cover Sheet)

MESSAGE:

FILED/MAILED OCTOBER 24, 2001

Applicante:

John B. Harley, Judith A. James, and Kenneth M. Kaufman

Law Offices HOLLAND & KNIGHT LLP

One Atlantic Center 1201 West Peachtree Street, N.E. **Suite 2000** Atlanta, Georgia 30309-3400

404-817-8500 FAX 404-881-0470 http://www.hklaw.com



AUTOIMMUNE DISORDERS

COPY OF PAPERS ORIGINALLY FILED **Boston** Bradenton Chicago Fort Lauderdale Jacksonville Lakeland Los Angeles Melbourne Miami New York

Orlando **Portland RECEIVED Providence** San Antonio San Francisco AUG 1 9 2002 Seattle St. Petersburg Tallahassee Tampa Washington TECH CENTER 1600/290 Tampa

International Offices: Caracas* Mexico City

Rio de Janeiro Sao Paulo Tel Aviv Tokyo

West Palm Beach

Northern Virginia

FACSIMILE

TO: United States Trademark Offi		TC 1600		03 872-9306			
NAME		COMPANY/FIRM	F	AX NUMBER			
Washington		D.C.	7	03 872-9305			
CITY		STATE	(T	ELEPHONE NUMBER)			
							
FROM:							
Patrea L. Pab	st	404 817-8514	8	9			
NAME		TELEPHONE	TO	OTAL PAGES (Including Cover Sheet)			
MESSAGE:	FILED/MAI	LED OCTOB	ER 24, 200	01			
Applicants:	John B. Harley, J	udith A. James, and	Kenneth M. K	aufman			
Serial No:	09/500,904		Art Unit:	1648			
Filed:	February 9, 2000		Examiner:	Foley, S.			
For:	DIAGNOSTICS AND THERAPY OF EPSTEIN-BARR VIRUS IN						

Response to Notice of Non-Compliant Amendment with Certificate of Mailing under 37 CFR 1.8(a); Marked-up version of amended specification pages; clean copy of amendment specification pages; Substitute specification with changes incorporated.

FOR THE RECORD:					
DATE: December 7, 2001	URGENCY:	☐ SUPER RUSH	☐ RU	ISH REGULAR	,
FAXED BY:	FILE#:	078617/00140	CLIENT NAME: O	MRF 161 CIP	
CONFIRMED: ☐ YES ☐ NO	NAME:		TIME:		
If you did not receive all of the pages or find that they are illegible, please call (404) 817-8500	attachments exempt from for delivering copying, pring this facsimily please imments stated above	, may contain inform disclosure. If you are g it to the intended re nting, distribution or le is strictly prohib ediately notify us by and destroy the orig	ation that is confidented not the intended recipiont, you are hereby use of any information ited. If you have receptacsimile or by telephinal facsimile and its a	with any documents, files, o tial, privileged, or otherwispient or a person responsibly notified that any disclosure a contained in or attached the tived this facsimile in error hone collect at the number attachments without reading opreciated. Thank you.	se le e, to r, rs



RECEIVED

COPY OF PAPERS ORIGINALLY FILED

AUG 1 9 2002

TECH CENTER 1600/2900

The "Received" stamp of the Patent Office filing of:	imprinted hereon acknowledges the
Applicants: John B. Harley, et al.	enter de la companya
Serial & Docket Nos.: 09/500,904	OMRF 161 CIP
Filed: February 9, 2000	
Papers Submitted:	
Response to Notice of Non-Compliant Amerunder 37 CFR 1.8(a); Marked-up version of	amended specification pages: clean
copy of amendment specification pages; Su incorporated.	ibstitute specification with changes
Date: October 24, 2001 By: Patrea L. Pabst, Reg. No. 31,284 ATL1 #490010 v1	Client/Matter No.: 078617/00140
. D. Housed for	
Docketed for-	
ह्य <u>भ्य</u>	
্ৰি: <u>১/৮/১০/০</u> ১	





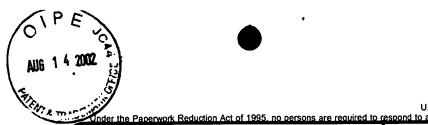
Please type a plus sign (+) inside this box -> +

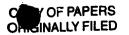
PTO/SB/21 (6-98)
Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

		Application Num	ber	09/500,904		
TRANSMITT	AL	Filing Date		February 9, 2000	REC	EIVED
FORM		First Named Inve	entor	John B. Harley		9 2002
(to be used for all correspondence after initial filing)		Group Art Unit		1642	AUG 1	_
		Examiner Name		S. Foley	TECH CEN	TER 1600/2900
Total Number of Pages in This Submiss	sion	Attorney Docket N	lumber	OMRF 161 CIP		o de la companio del companio de la companio de la companio della
ENCLOSURES (check all that apply)						
X Fee Transmittal Form		nent Papers Application)	[After Allowance C to Group	ommunication	
Fee Attached	Drawing	y(s)	[Appeal Communic of Appeals and Inf		
Amendment / Response	Licensin	ng-related Papers	[[Appeal Communic	· •	
After Final	Petition and Acc	Routing Slip (PTO/Sacompanying Petition	3/69)	Proprietary Inform	nation	
Affidavits/declaration(s)		to Convert to a mail Application	[[Status Letter		
X Extension of Time Request	Power of Change Address	of Attorney, Revocation of Correspondence	n [[Additional Enclos (please identify be		
Express Abandonment Request		l Disclaimer		Return receipt f	Postcard	
Information Disclosure Statement	Small E	ntity Statement				
	Reques	t for Refund				
Certified Copy of Priority Document(s)	Remarks	Response to No	tice of	Non-Compliant Am	endment	
Response to Missing Parts/ Incomplete Application	with Revised	Specification.				
Response to Missing Parts under 37 CFR						
1.52 or 1.53	····					
SIGNATUR	E OF APPLI	CANT, ATTORNE	, OR A	GENT		
Firm Patrea L. Pabst						
Individual name Holland & Knigh	ht LLP	·				I
Signature						
Date October 24, 200	01					
CERTIFICATE OF MAILING						
I hereby certify that this correspondence is envelope addressed to: Assistant Commis	s being deposit	ted with the United St	ates Pos	al Service as first class on this date: October	mail in an 24, 2001	
Typed or printed name Jean Hicks	. /					
Signature Alan	Die	il,	Date	October 24, 200	1	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.





2002

PTO/SB/17 (11-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE o a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Complete if Known 09/500,904 **Application Number** February 9, 2000 Filing Date John B. Harley First Named Inventor **Examiner Name** S. A. Foley TECH CENTER 1600/2900 Group Art Unit 1648 OMRF 161 CIP Attorney Docket No.

METH	OD OF PAY	MENT (check all that apply)	FEE CALCULATION (continued)					
☐ Check	Credit card	Money Other None	3. ADDITIONAL FEES					
1 = '		Order Control	Large	Entity	Sma	ıll Entit	Y.	
Deposit			Fee	Fee e (\$)	Fee Cod		Fee Description	Fee Paid
Account Number	50-1868		105	130	205	65	Surcharge - late filing fee or oath	
Deposit Account Name	Holland	& Knight LLP	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
102		rized to: (check all that apply)	139	130	139	130	Non-English specification	
1 3	(s) indicated be	low Credit any overpayments s) during the pendency of this application	147	2,520	147	2,520	For filing a request for ex parte reexamination	
! ≓ ' '	•	low, except for the filing fee	112	920°	112	920*	Requesting publication of SIR prior to	
_ ·	lentified deposit		113	1,840*	113	1 840*	Examiner action Requesting publication of SIR after	
	FEE C	ALCULATION	1 '''	1,040	13	1,040	Examiner action	
1. BASIC F			115	110	215	55	Extension for reply within first month	
Large Entity	Small Entity		116	400	216	200	Extension for reply within second month	
Fee Fee Code (\$)	Fee Fee Code (\$)	Fee Description Fee Paid	117	920	217	460	Extension for reply within third month	
101 740	201 370	Utility filing fee	118	1,440	218	720	Extension for reply within fourth month	\longrightarrow
106 330	206 165	Design filing fee	128	1,960	228	980	Extension for reply within fifth month	
107 510	207 255	Plant filing fee	119	320	219	160	Notice of Appeal	
108 740	208 370	Reissue filing fee	120	320	220	160	Filing a brief in support of an appeal	
114 160	214 80	Provisional filing fee	121	280	221	140	Request for oral hearing	
1 '		SUPTOTAL (4) (6)	138	1,510	138	1,510	Petition to institute a public use proceeding	
		SUBTOTAL (1) (\$)	140	110	240	55	Petition to revive - unavoidable	
2. EXTRA (CLAIM FEES	S FOR UTILITY AND REISSUE	141	1,280	241	640	Petition to revive - unintentional	
		Extra Claims below Fee Paid	142	1,280	242	640	Utility issue fee (or reissue)	
Total Claims Independent	2 - 26		143	460	243	230	Design issue fee	
Claims	[역] - 6	`	144	620	244	310	Plant issue fee	
Multiple Deper	ndent	LJ =J	122	130	122	130	Petitions to the Commissioner	
			123	50	123	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Fee Fee	Small Entity Fee Fee	Fee Description	126	180	126	180	Submission of Information Disclosure Stmt	
Code (\$) 103 18	Code (\$) 203 9	Claims in excess of 20	581	40	581	40	Recording each patent assignment per property (times number of properties)	
102 84	202 42	Independent claims in excess of 3	146	740	246	370	Filing a submission after final rejection	
104 280	204 140	Multiple dependent claim, if not paid	l	~			(37 CFR § 1.129(a))	
109 84	209 42	** Reissue independent claims over original patent	149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
110 18	210 9	** Reissue claims in excess of 20	179	740	279	370	Request for Continued Examination (RCE)	
ĺ	•	and over original patent	169	900	169	900	Request for expedited examination of a design application	
	SUE	STOTAL (2) (\$) -0-	Othe	r fee (s	pecify)		
**or numbe	or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid *SUBTOTAL (3) (\$)							

SUBMITTED BY				Complete (il	applicable)
Name (Print/Type)	Patrea L. Pabet	Registration No. (Attorney/Agent)	31,284	Telephone	(404) 817-847
Signature	1 1			Date	August 8, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO 2038.



COPY OF PAPERS ORIGINALLY FILED

Λ.

RECEIVED

Applicants:

John B. Harley, Judith A. James, and Kenneth M. Kaufman

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUG 1 9 2002

Serial No.:

09/500,904

Group Art Unit:

1648

TECH CENTER 1600/2900

Filed:

February 9, 2000

Examiner:

Foley, S.

For:

DIAGNOSTICS AND THERAPY OF EPSTEIN-BARR VIRUS IN

AUTOIMMUNE DISORDERS

Commissioner of Patents and Trademarks Washington, D.C. 20231

TRANSMITTAL OF FORMAL DRAWINGS

Sir:

Applicants enclose eleven (11) sheets of formal drawings for filing in the aboveidentified application.

Respectfully submitted,

Patrea L. Pabst

Reg. No. 31,284

Date: August 8, 2002

HOLLAND & KNIGHT LLP 2000 One Atlantic Center 1201 West Peachtree Street, N.E. Atlanta, GA 30309-3400 (404) 817-8473 (Telephone) (404) 817-8588 (Fax)